

The diagram illustrates a network system architecture. It features two main devices, Device "A" 10 and Device "B" 11, connected via Communication Means 30. Each device contains a vertical stack of components: User Interface 20, Processor 21, RAM 22, Storage 23, and Transceiver 24. The Transceiver 24 of Device "A" is connected to the Transceiver 24 of Device "B" through the Communication Means 30. The entire system is labeled as Operating System 25.

Device "B" 11

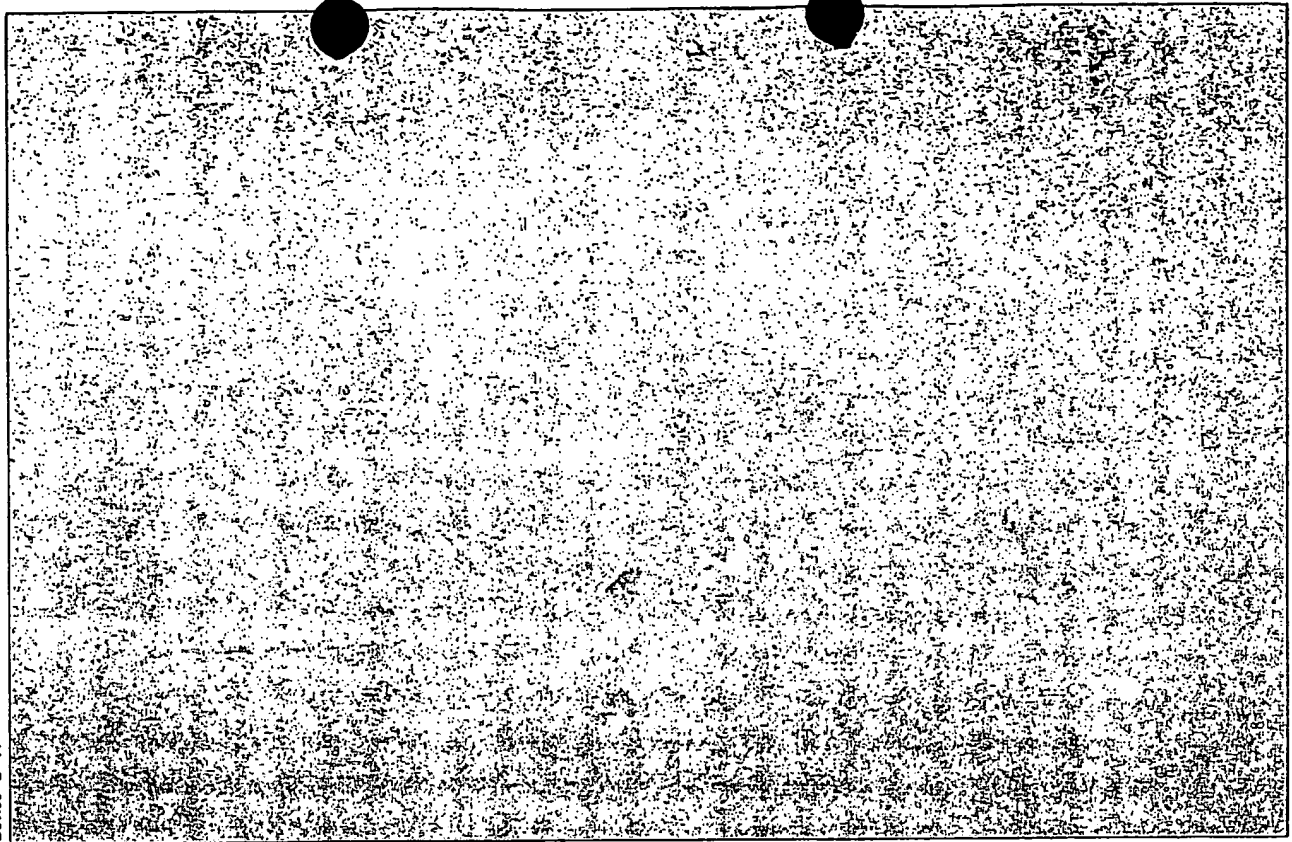


Fig. 2

Communications Means 30

Initial Install of Software

Device "A" 10

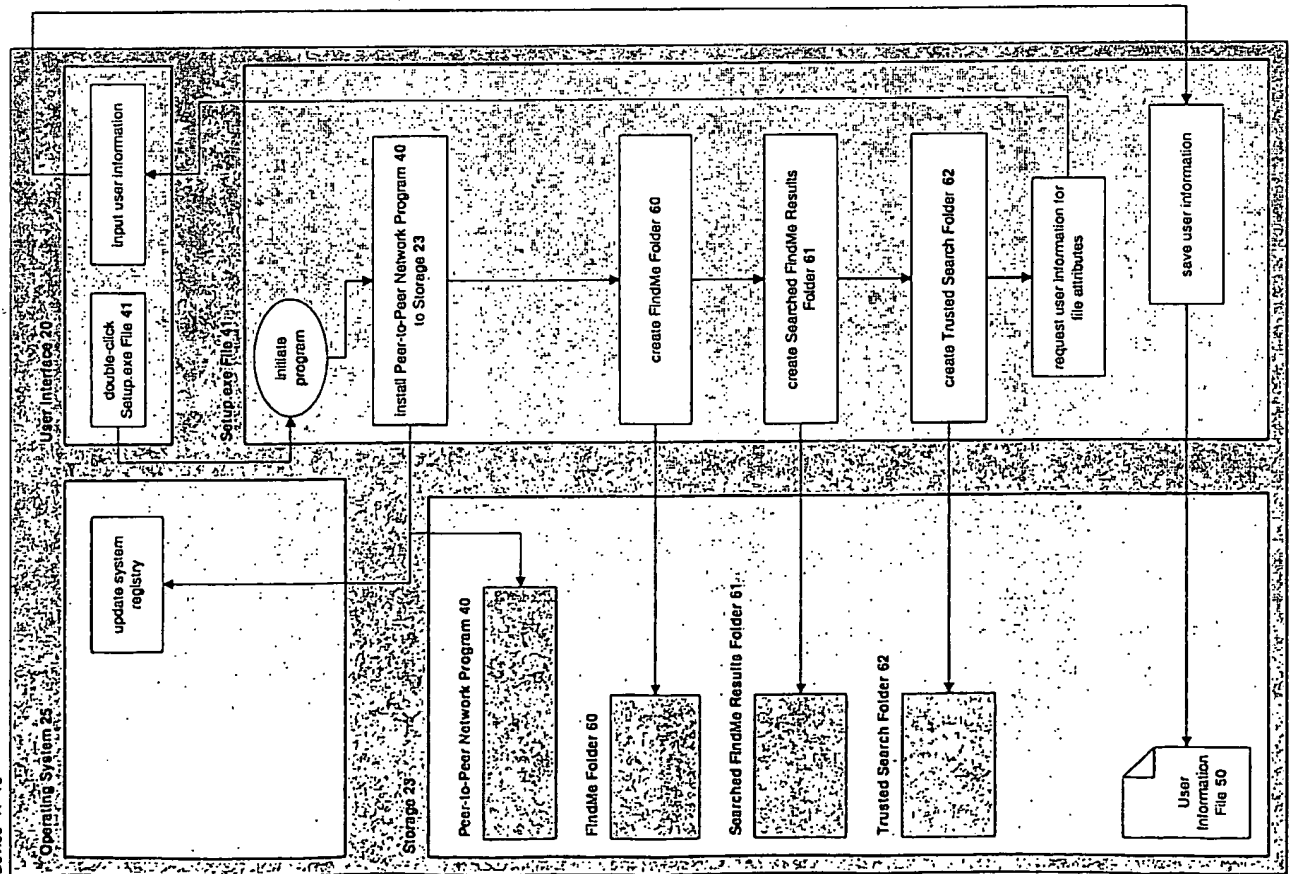


Fig. 3

Device "B" 11

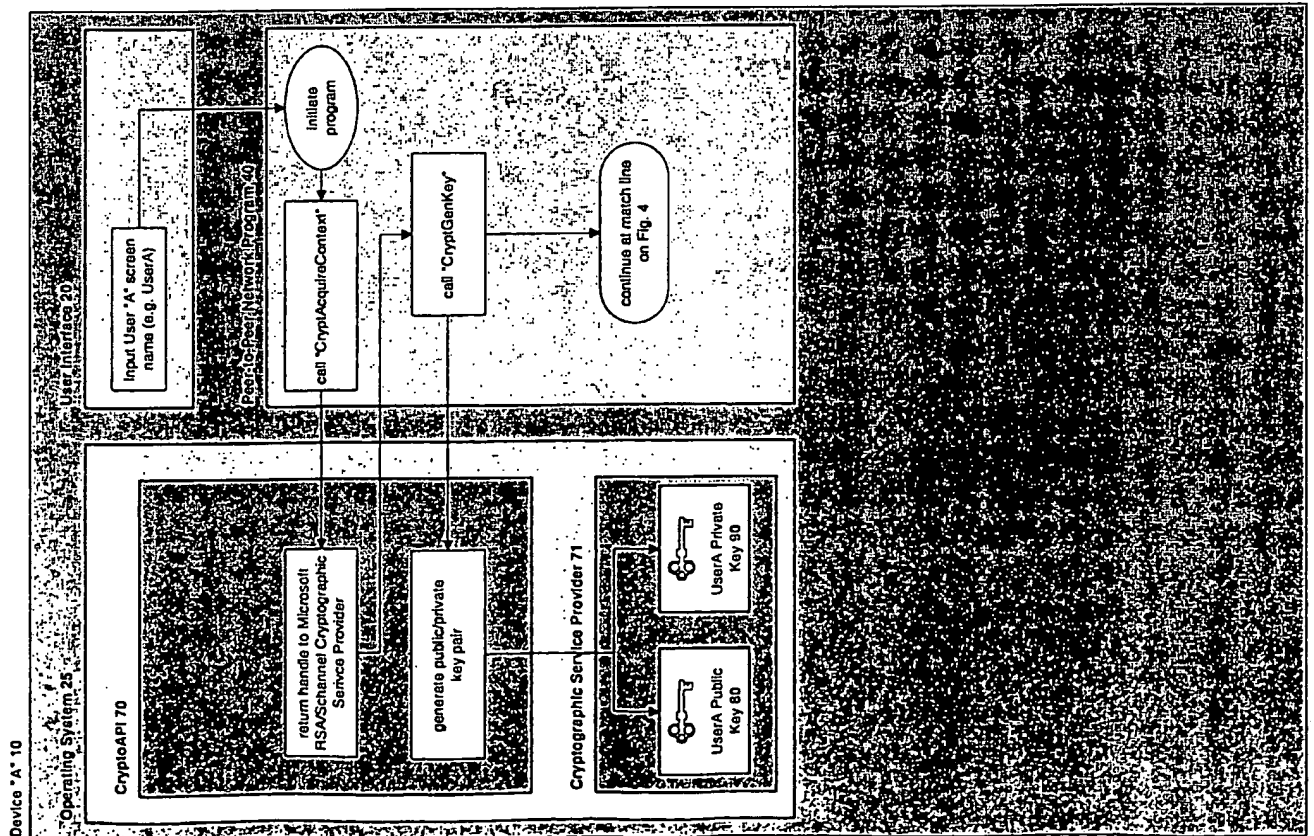
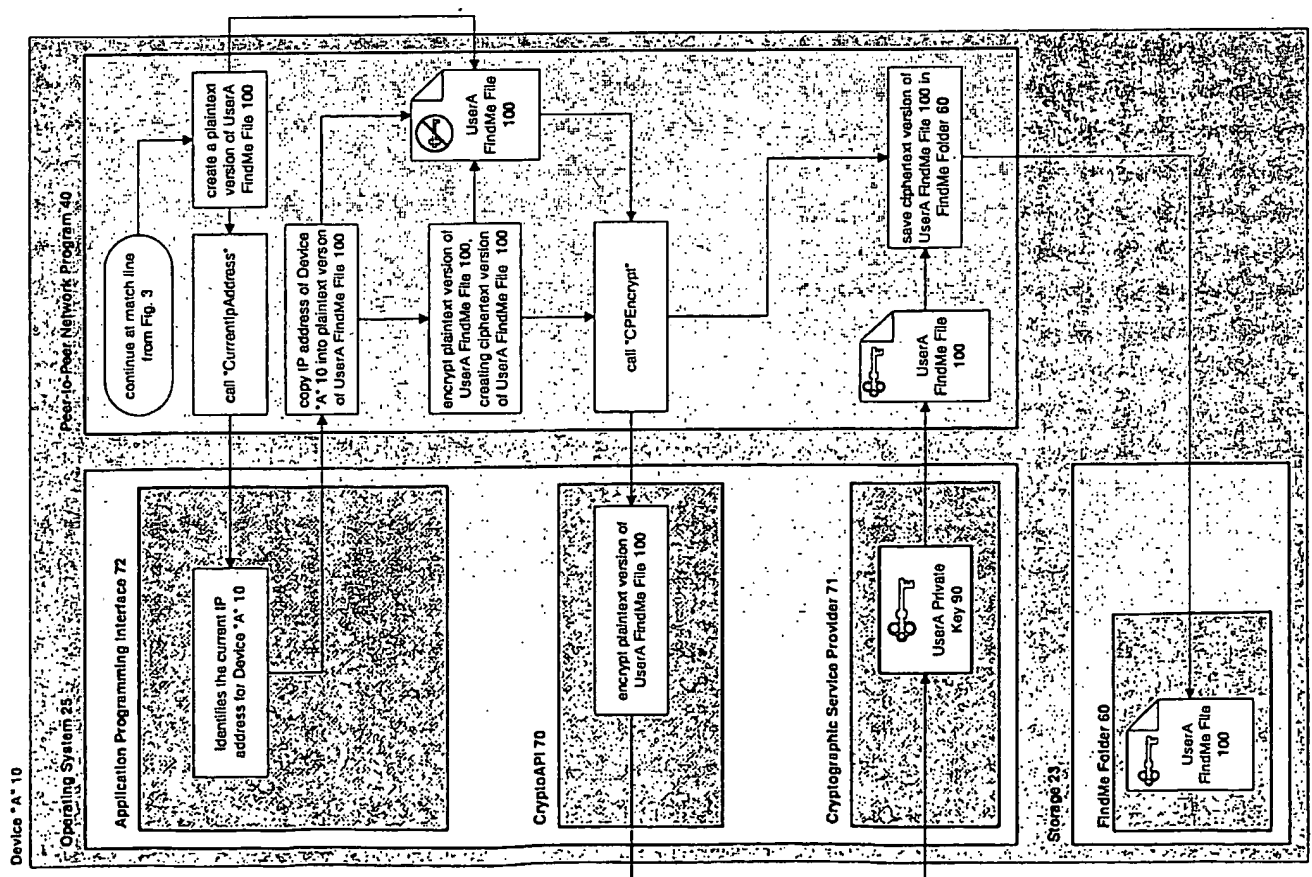


Fig. 4



Device "A" 10

Operating System 25

Application Programming Interface 72

CryptAPI 70

Cryptographic Service Provider 71

Storage 23

FindMe Folder 60

UserA FindMe File 100

UserA Private Key 90

Peer-to-Peer Network Program 40

continue at match line from Fig. 3

create a plaintext version of UserA FindMe File 100

call "CurrentAddress"

copy IP address of Device "A" 10 into plaintext version of UserA FindMe File 100

encrypt plaintext version of UserA FindMe File 100, creating ciphertext version of UserA FindMe File 100

call "CPREncrypt"

UserA FindMe File 100

UserA Private Key 90

FindMe Folder 60

UserA FindMe File 100

save ciphertext version of UserA FindMe File 100 in FindMe Folder 60

continue at match line from Fig. 3

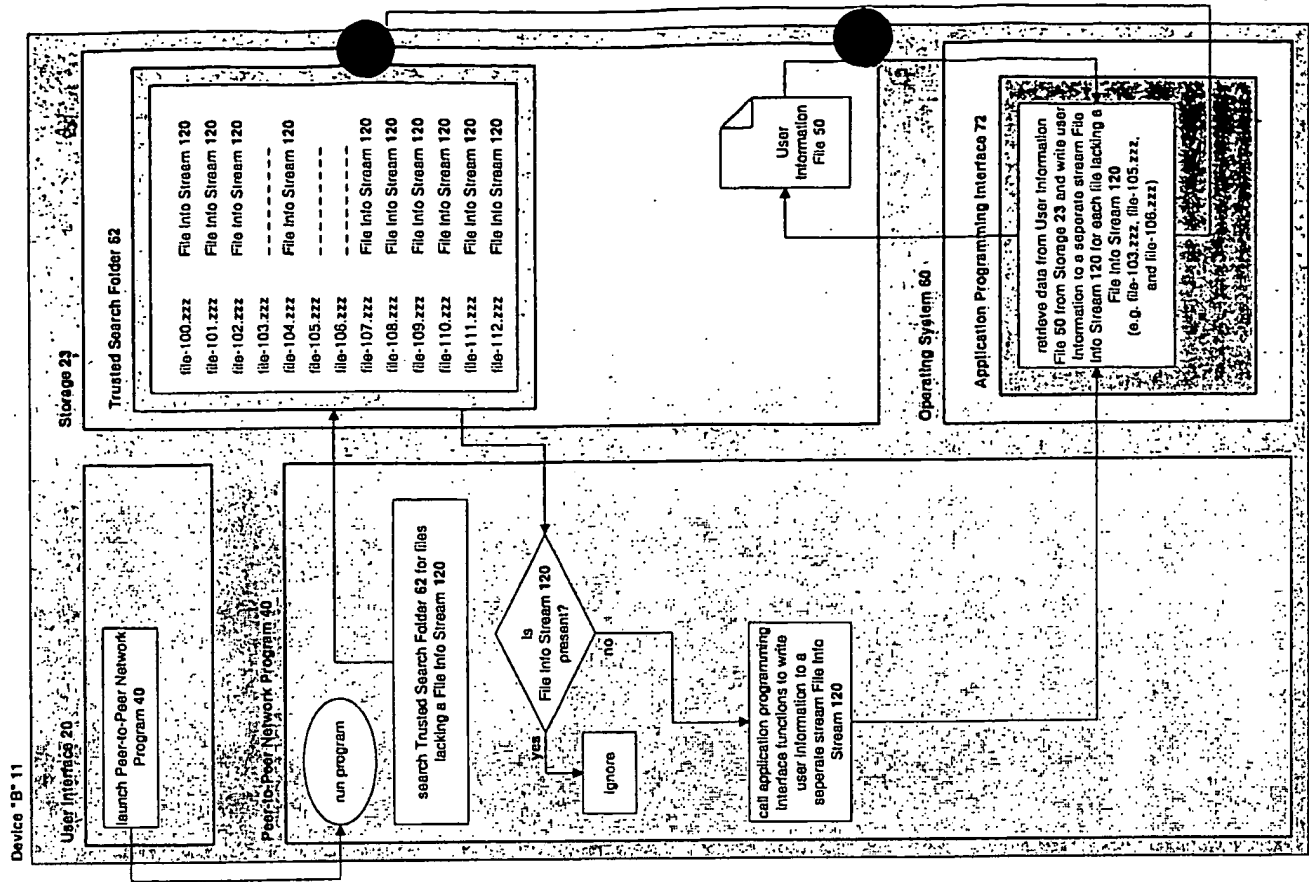


Fig. 5



Fig. 6

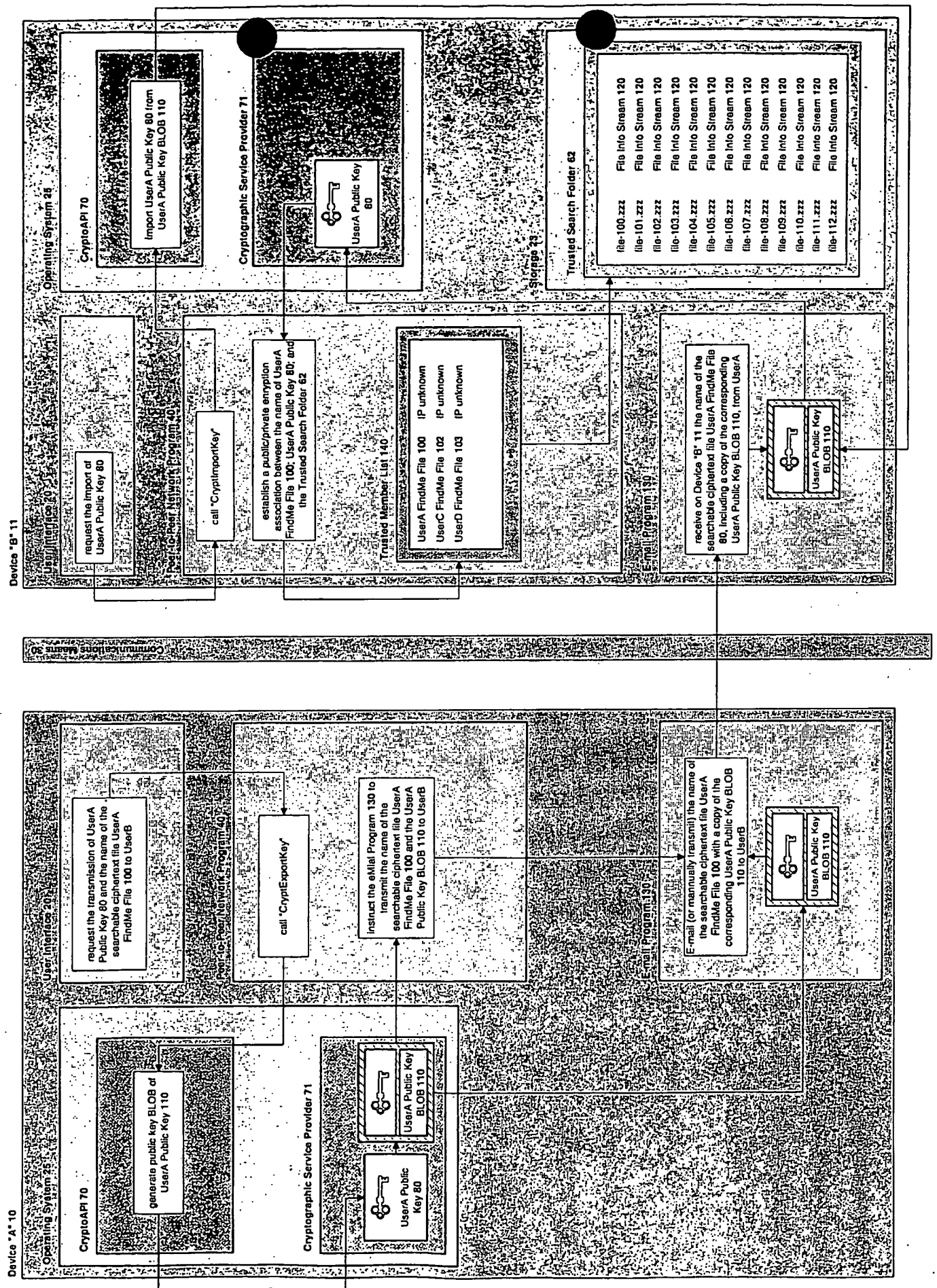
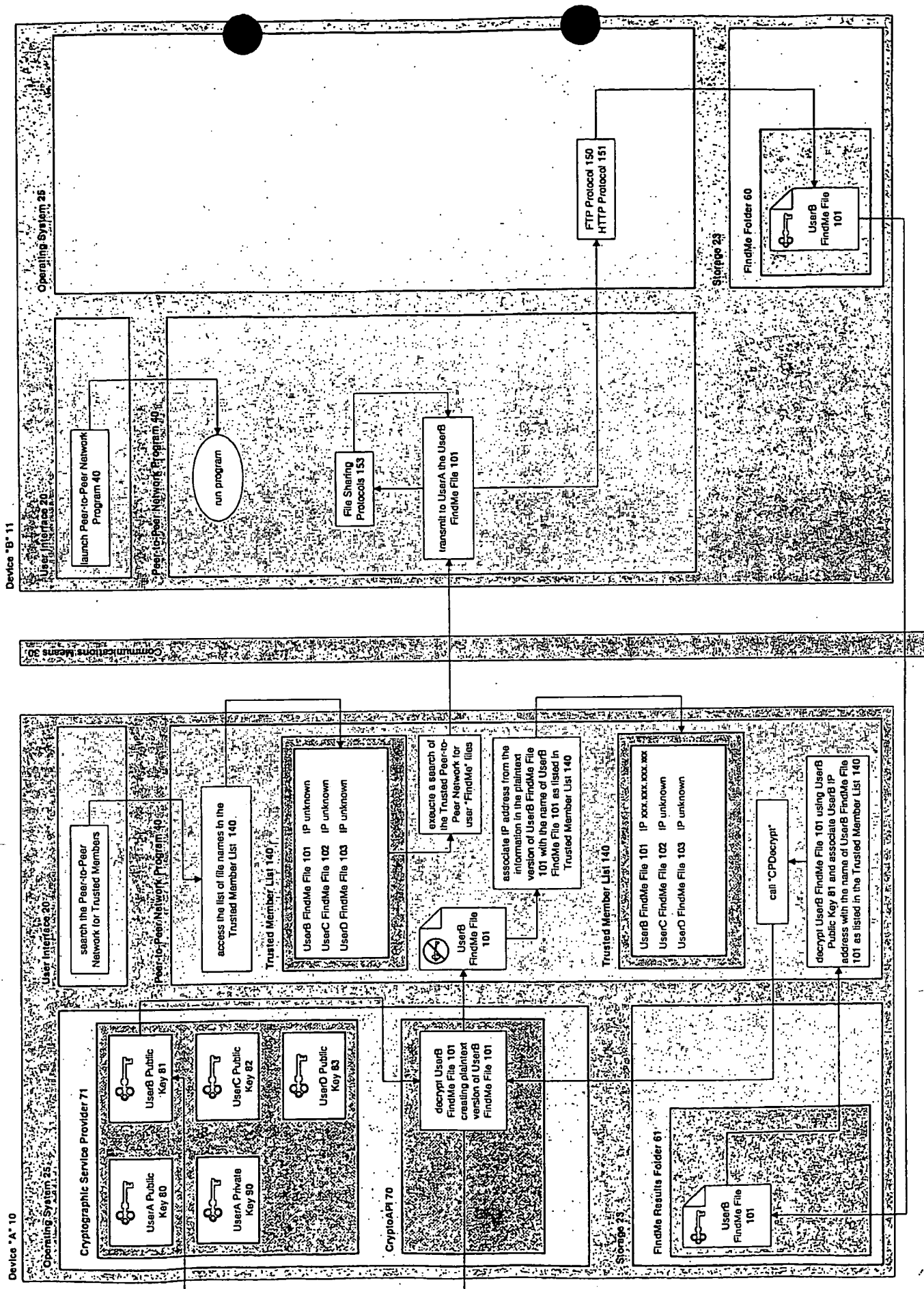


Fig. 7



Device "A" 10

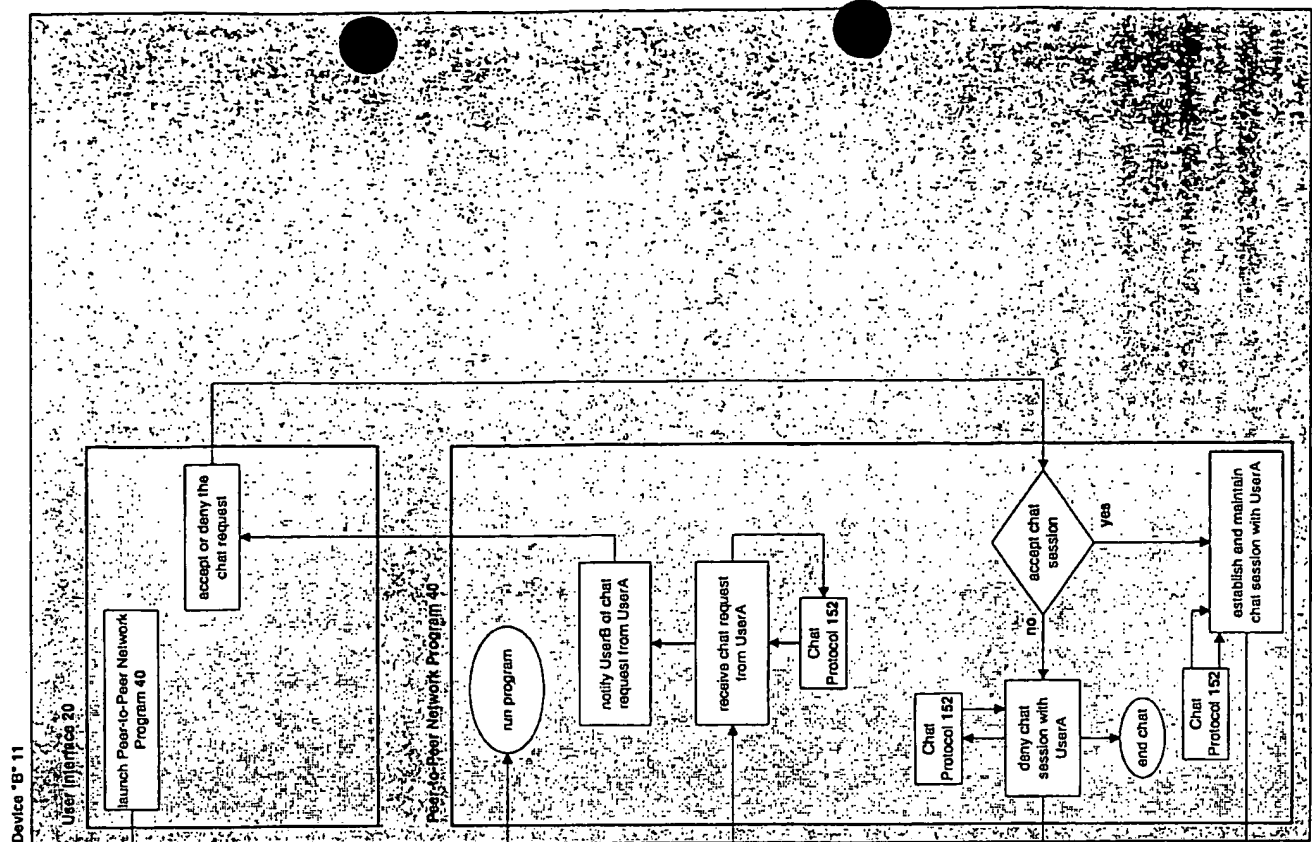
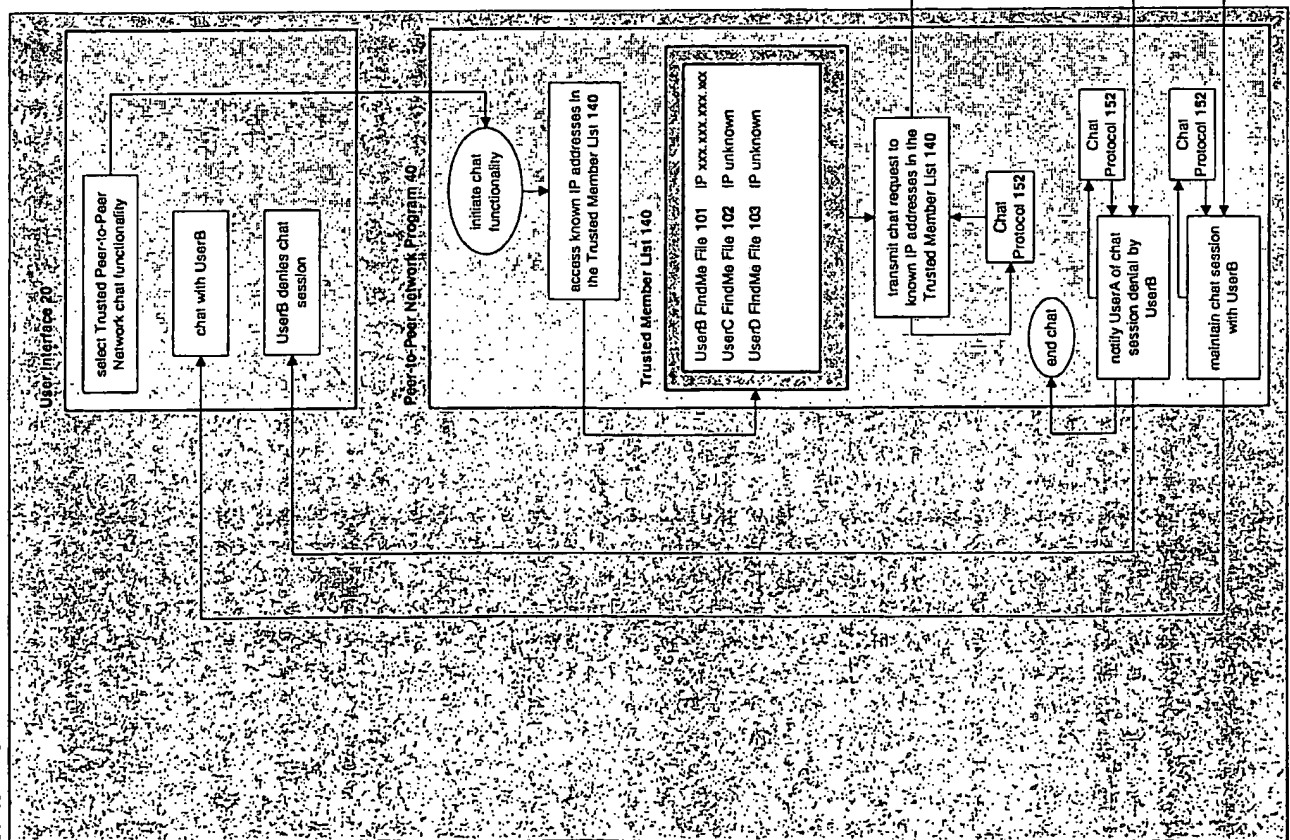




Fig. 9

